



CITY OF NEWPORT BEACH

COMMUNITY DEVELOPMENT DEPARTMENT

BUILDING DIVISION

100 Civic Center Drive | P.O. Box 1768 | Newport Beach, CA 92658-8915
www.newportbeachca.gov | (949) 644-3200

GEOTECHNICAL REPORT REVIEW CHECKLIST

Project Description:

Title & Date of Report

Project Address:

Plan Check No.:

Permit App. Date:

Permit App. Expires:

CY Cut/Fill:

Permit Valuation:

Adjusted Valuation:

Consultant:

Phone:

Applicant/Contact:

Phone:

Plan Check Engineer:

Phone:

Engineer email:

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1st Review: (date)

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2nd Review:
Italic comments

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3rd Review:
By Appointment

The project plans were reviewed for compliance with the following codes and standards:

2013 CBC; 2013 CPC; 2013 California Green Building Standards Code (CALGreen); & Chapter 15 of the Newport Beach Municipal Code (NBMC).

The code section references are from the 2013 CBC, unless otherwise stated.

- **TO EXPEDITE PROJECT APPROVAL:** Please provide a written response indicating how and where each comment was resolved on the plans.
- Resubmit all previously reviewed plans, updated plans and supporting documents with each subsequent review.
- **AFTER 2nd PLAN REVIEW:** Please call the geologist listed above to schedule a plan review appointment, to expedite project approval.
- For clarification of any plan review comment, please call the plan check engineer listed above.
- Plan review status is available online at www.newportbeachca.gov. Project status is also available using the interactive voice response system at 949-644-3255, or by speaking with a permit technician at 949-644-3288 during business hours.

PRIOR TO APPROVAL OF THE REPORT, ATTEND TO THE ITEMS BELOW:

Project Information/Background:

Y	N	Review of Existing City Files
Y	N	Reference to Site(s) by Street Address
Y	N	Reference to Grading/Foundation Plans by Date
Y	N	Aerial Photograph

Geotechnical Hazards:

Y	N	N/A	Adverse Geologic Structure
Y	N	N/A	Bluff Retreat
Y	N	N/A	Debris/Mud Flow
Y	N	N/A	Erosion
Y	N	N/A	Expansive Soils
Y	N	N/A	Faulting
Y	N	N/A	Fractured Bedrock
Y	N	N/A	Seismicity
Y	N	N/A	Groundwater
Y	N	NA	Landslide
Y	N	NA	Slump
Y	N	NA	Soil/Rock Creep

Recommendations for:

Y	N	N/A	Foundations
Y	N	N/A	RW Static Loading and Seismic for H> 6' by M-O
Y	N	N/A	Foundations, Slope, Bluff and Reinforced Soil set-backs
Y	N	N/A	Seismic Design Spect. Accel. & Seismic Design Category
Y	N	N/A	Site Class (A or B Soil Cover <10')
Y	N	N/A	Slab-on-Grade
Y	N	N/A	Capillary Break and Waterproofing
Y	N	N/A	Flatwork
Y	N	N/A	Grading, Drainage, and Infiltration Rate
Y	N	NA	Uncertified Fill Remediation
Y	N	NA	Pools/Spas
Y	N	NA	Adequacy for Intended Use & Not Adversely Impacting Adjoining Sites

Supporting Analysis/Data:

Y	N	N/A	Adequate Borings with M-D and N values
Y	N	N/A	Geologic Map & Cross Sections with Limits of Proposed Structure
Y	N	N/A	Limits of Remedial Grading and any Shoring Shown on Plan & Sections
Y	N	N/A	Static and Seismic Slope Slab, Calculations
Y	N	N/A	Surficial Stab. with Appropriate Cohesion
Y	N	N/A	Consolidation Test Plot
Y	N	N/A	Shear Test. Rate of Shear > 0.005"/min., or Strengths > Site Specific to be Justified
Y	N	N/A	Expansion Index and Sulfate Tests
Y	N	N/A	Percolation, Gradation and Other Tests
Y	N	NA	Liquefaction, Min FS=1.3, with no Ic (Soil Behavior Type Index)
Y	N	NA	Static and Seismic Settlements: Analysis if Diff. Sett. >0.5"/30'
Y	N	NA	Diff. Sett. > 1"/30', Provide Protection Recommend. Against Cracking
Y	N	NA	Hydro-collapse Settlement Evaluation
Y	N	NA	Active, Passive and At-Rest Pressure for Shoring
Y	N	NA	Active, Passive and At-Rest pressure for RW. Ignore Tension for Active
Y	N	NA	Temp. Exc. Comp. (For H<8', 1.5:1, in soil, or 1:1 in Bedrock OK) Min. FS=1.25
Y	N	NA	Slot Excavation. Comp. to Show Shallower Excavations Have Adequate FS.
Y	N	NA	Lateral Spread for Layers with N1(60) <15.
Y	N	NA	Lateral Resistance (For Shallow Fndns, Reduced Cohesion Taken @ Normal Load of 250 psf)

Limitations of Review:

Our review is intended to determine if the submitted report(s) comply with City Codes and generally accepted geotechnical practices within the local area. The scope of our services for this third party review has been limited to a brief site visit and a review of the above-referenced report and associated documents, as supplied by this City of Newport Beach. Re-analysis of reported data and/or calculations and preparation of amended construction or design recommendations are specifically not included within our scope of services. Our review should not be considered as a certification, approval or acceptance previous consultant's work, or is meant ad an acceptance of liability for final design or construction.